



# NITFS Compliance Registration



**Product:** ELT/1500

**Sponsor:** Overwatch Systems Boston Operations

**Developer:** Overwatch Systems Boston Operations

**Date:** 30 April 2007

**Expiration:** 29 April 2009

**Registration #:** 2057

- ☐ Initial Registration  
☒ Supplemental/Update #20#  
☐ Derived from Reg. #32

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Windows XP

☐ **System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

\*\* NITF 2.0 feature

\* NITF 2.1 feature

## NITFS Features Implemented:

### Format

#### NITF

☒ V2.1

☒ V2.0

☒ V1.1

#### NSIF

☒ V1.0

### Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☒ Bit Mapped \*\*

☒ CGM, 2301

☒ CGM, 2301A

☒ Labels \*\*

### Text Segments

☒ STA

☒ UT1

☒ U8S

☒ MTF

### Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☒ NODISPLY

☐ POLAR

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☒ JPEG Lossless

☒ JPEG 2000

☒ Bi-Level

☒ Vector Quantization

### Data Extension Segments

☒ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☒ Controlled Extensions \*\*

☒ Registered Extensions \*\*

### Tagged Record Extensions

☒ CSDE

☒ DIGEST GeoSDE

☐ RPF

☒ NCDRD

☒ PIAE

☒ ICHIPB

☒ J2KLRA

☒ BANDSB

☒ IOMAPA

☒ RPC00B

Legend  
Interpret  
Gen  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief

Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.